

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Yolo County Service Area 6**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Yolo County Service Area 6**

Waterway				Bank	Unit Miles
Unit No. 01 Right Bank of Sacramento River at Knights Landing				Right	5.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	4/12/2016 - 4/12/2016				
DWR Inspector	Jai Lor				
Accompanied By					

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start		Rating **	M	Issue No.	33
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0022_01_s _ 2013_33				
Comment Code					
Inspector Comment					
Yolo County Service Area 6 has the levee manuals for this levee.					

No Photos

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0022_01_s _ 2013_34				
Comment Code					
Inspector Comment					
Yolo County OES has a written flood response plan and flood response training.					

No Photos

LM Start		Rating **	A	Issue No.	38
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0022_01_s _ 2012_38				
Comment Code					
Inspector Comment					
Yolo County OES has a stockpile of flood response material.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.00	Rating **	U	Issue No.	67
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.799173 °	38.801334 °
				-121.724448 °	-121.722108 °
DWR ID	DWR_NA0022_01_f_2015_67				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Clear vegetation on landside slope.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_67\_20160413\_00141.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.00	Rating **	U	Issue No.	68
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.799173 °	38.801337 °
				-121.724448 °	-121.722110 °
DWR ID	DWR_NA0022_01_f_2015_68				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Clear vegetation 20 feet off shoulder.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_68\_20160413\_00142.jpg



View of the vegetation on the waterward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	65
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800005 °	38.800143 °
				-121.723875 °	-121.723793 °
DWR ID	DWR_NA0022_01_s _ 2016_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak trees less than 4" in diameter at chest height on both sides of slope and trim trees.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_65\_20160413\_00143.jpg



View of the small oak trees on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.07	Rating **	M	Issue No.	66
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800005 °	38.800515 °
				-121.723875 °	-121.723418 °
DWR ID	DWR_NA0022_01_s _ 2016_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak tree that are less than 4" in diameter at chest height from within 20' of waterside levee slope and trim trees.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_66\_20160413\_00144.jpg



View of the oak trees on the waterward side of the levee looking downstream. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.11	Rating **	M	Issue No.	85
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800490 °	38.800490 °
				-121.723463 °	-121.723463 °
DWR ID	DWR_NA0022_01_s_2016_85				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.13	Rating **	M	Issue No.	402
LM End	0.13	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.800647 °	38.800647 °
				-121.723212 °	-121.723212 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31903 DS_ID:19515 EP_NO: 9425 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee. FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 3.0-feet below the crown. Pump structure in channel. (ABO Permit No. 9425-1974). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31903\_58222.jpg



View of landward side.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.13	Rating **	M	Issue No.	402 (cont)	
LM End	0.13	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.800647 °		38.800647 °
				-121.723212 °		-121.723212 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31903						
DS_ID:19515						
EP_NO: 9425						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to properly abandon crossing per Title 23-- pipe has been disconnected. No signs of pipe visible on waterward and landward sides. Need to contact owner to determine additional information about pipe section through levee.						
FIELD_STRUCT_DESC: Abandoned 8-inch steel pipe through the levee, 3.0-feet below the crown. Pump structure in channel. (ABO Permit No. 9425-1974).						
FS Date: 3/4/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_31903\_58221.jpg



Overview of levee crown looking at crossing.

LM Start	0.13	Rating **	M	Issue No.	6
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.800645 °	38.801336 °
				-121.723172 °	-121.722106 °
DWR ID	DWR_NA0022_01_s_2012_6				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim trees to allow visibility.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_6\_20160304\_00007.jpg



View of the vegetation and trees on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.13	Rating **	M	Issue No.	101
LM End	0.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800677 °	38.800677 °
				-121.723090 °	-121.723090 °
DWR ID	DWR_NA0022_01_s_2016_101				
Comment Code					
PO : Pole					
Inspector Comment					
Utility pole is on the landward shoulder.					

No Photos

LM Start	0.19	Rating **	M	Issue No.	29
LM End	0.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801098 °	38.801098 °
				-121.722298 °	-121.722298 °
DWR ID	DWR_NA0022_01_s_2016_29				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_29\_20160413\_00145.jpg



View of the pruning pile looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.21	Rating **	M	Issue No.	403
LM End	0.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801280 °	38.801280 °
				-121.722000 °	-121.722000 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31904					
DS_ID:19516					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to properly abandon per Title 23 if corssing is no longer used--debris inside concrete box and near site. Need to contact owner.					
FIELD_STRUCT_DESC: 48-inch CM pipe through the levee, 14.5-feet below the crown. Slide gate in concrete box on the waterward bank. (ABO Permit - 1976).					
FS Date: 3/4/2014					

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>403 (cont)</b>
LM End	<b>0.21</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_31904\_58228.jpg



Pipe section with holes abandoned on waterward side.

Photo 2 of 2 : UCIP\_SP\_2016\_31904\_58227.jpg



View of waterward toe photo taken from bridge.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.22	Rating **	M	Issue No.	28
LM End	0.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801394 °	38.801613 °
				-121.721918 °	-121.721328 °
DWR ID	DWR_NA0022_01_s _ 2012_28				
Comment Code					
BU : Building					
Inspector Comment					
RV park runs on and along levee to bridge.					

LM Start	<b>0.22</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>0.25</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP\_2016\_NA0022\_350\_28\_20160304\_00026.jpg



The RV park is encroached into the levee crown. Fall 2013

Photo 2 of 2 : SP\_2016\_NA0022\_350\_28\_20160304\_00027.jpg



Trailers on the crown of the levee. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.26	Rating **	M	Issue No.	421
LM End	0.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801597 °	38.801597 °
				-121.721226 °	-121.721226 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45403 DS_ID:19513 EP_NO: 9424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine alignment of crossing--it's either through levee or along landward side. It appears that the waterline goes along landward side. Need to contact owner to obtain additional information about crossing. 2 inch metal pipe sticking out at the waterward berm edge. FIELD_STRUCT_DESC: Water pipe through the levee. Faucets in the landward slope. (ABO Permit No. 9424-1974). FS Date: 3/4/2014					

LM Start	<b>0.26</b>	Rating **	M	Issue No.	<b>421 (cont)</b>
LM End	<b>0.26</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_45403\_60805.jpg



Spigot located on landward side.

Photo 2 of 2 : UCIP\_SP\_2016\_45403\_60804.jpg



Spigot located on landward toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.30	Rating **	M	Issue No.	27
LM End	0.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801720 °	38.801840 °
				-121.720447 °	-121.720030 °
DWR ID	DWR_NA0022_01_s _ 2012_27				
Comment Code					
V6 : Landscaping					
Inspector Comment					
I have talked to the owner about a permit and he continues to landscape the landside slope with no permit. Owner has added fence across levee. I gave her an application and did a field investigation report.					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_27\_20160413\_00148.jpg



View of the landscaping on the landward slope of the levee looking upstream. Spring 2016.

LM Start	<b>0.30</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0022\_350\_27\_20160413\_00146.jpg



Tree is at levee mile 0.30 . Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.33	Rating **	M	Issue No.	404	
LM End	0.33	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.801867 °		38.801867 °
				-121.719923 °		-121.719923 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31906 DS_ID:19534 EP_NO: 17016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm crossing alignment--steel pipe visible on waterward side however, unable to confirm if crossing is the same one found during field confirmation. Need to contact owner to verify alignment and status of crossing. Slope was too steep to verify and obtain additional information about pipe. FIELD_STRUCT_DESC: Three 2-inch diameter and three 1.5-inch diameter fiber optic conduits through the levee, encased in a single HDPE conduit, 30-feet below the levee crown. Concrete caps on both ends of the casing, on the landward and waterward sides. Voids in the HDPE conduit grouted. (Permit No. 17016-2000). FS Date: 3/4/2014						

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>404 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_31906\_58238.jpg



Steel pipe located on waterward side--pipe disconnected.

Photo 2 of 2 : UCIP\_SP\_2016\_31906\_58237.jpg



No pipe attached along bridge.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.35	Rating **	A/W	Issue No.	26
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801886 °	38.802020 °
				-121.719588 °	-121.718889 °
DWR ID	DWR_NA0022_01_s _ 2012_26				
Comment Code					
BU : Building					
Inspector Comment					
Apartments with chainlink fence with lathe woven into it.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_26\_20160304\_00024.jpg



The apartments and fence along the toe of the levee. Fall 2013

LM Start	0.35	Rating **	M	Issue No.	102
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801887 °	38.802225 °
				-121.719587 °	-121.717186 °
DWR ID	DWR_NA0022_01_s _ 2016_102				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak tree that is less than 4" at breast height.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_102\_20160413\_00149.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

LM Start	0.37	Rating **	M	Issue No.	103
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801980 °	38.801980 °
				-121.719117 °	-121.719117 °
DWR ID	DWR_NA0022_01_s _ 2016_103				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak tree that is less than 4" at breast height.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	104
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802106 °	38.802126 °
				-121.718269 °	-121.718133 °
DWR ID	DWR_NA0022_01_s_2016_104				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove trees that are less than 4'.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_104\_20160413\_00150.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.43	Rating **	M	Issue No.	105
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.802139°	38.802139°
				-121.718065°	-121.718065°
DWR ID	DWR_NA0022_01_s_2016_105				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.50	Rating **	M	Issue No.	395
LM End	0.54	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.802120°	38.801882°
				-121.716867°	-121.716165°
DWR ID	DWR_NA0022_01_f_2013_395				
Comment Code					
MA : Material					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_395\_20160304\_00074.jpg



Material blocking visibility on the waterside of the levee. Fall 2013

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.51	Rating **	M	Issue No.	412
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.802062 °	38.802062 °
				-121.716740 °	-121.716740 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31627 DS_ID:19544 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if signs of crossing are for the same crossing listed here. Need to contact owner and determine additional information about crossing. Also found is service box for water line--need permit and alignment confirmation. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 285+27). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31627\_57881.jpg



View of landward side. Alignment is visible on paved road.

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>412 (cont)</b>
LM End	<b>0.51</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_31627\_57880.jpg



View of waterward side. Alignment is visible on paved road.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.53	Rating **	M	Issue No.	69
LM End	0.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.801950 °	38.801950 °
				-121.716299 °	-121.716299 °
DWR ID	DWR_NA0022_01_f_2015_69				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_69\_20160304\_00048.jpg



View of the depression on the crown of the levee looking downstream.  
Fall 2015.

LM Start	0.54	Rating **	A/W	Issue No.	24
LM End	0.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801910 °	38.801823 °
				-121.716170 °	-121.715683 °
DWR ID	DWR_NA0022_01_s_2012_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_24\_20160304\_00022.jpg



The lawn area is on the levee waterside and crown. Fall 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.55	Rating **	M	Issue No.	415
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801855 °	38.801855 °
				-121.716003 °	-121.716003 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38995 DS_ID:19553 EP_NO: 17649 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 1 inch line visible on landward side (38.801855, -121.716003) unable to confirm if line is the line authorized. Need to contact owner to confirm installation and size. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch diameter water line through the levee, buried 2-feet below the levee crown. (Permit No. 17649-2004) FS Date: 3/4/2014					

No Photos

LM Start	0.56	Rating **	A/W	Issue No.	23
LM End	0.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801965 °	38.801468 °
				-121.715705 °	-121.714348 °
DWR ID	DWR_NA0022_01_s_2012_23				
Comment Code					
BU : Building					
Inspector Comment					
Yolo Sutter Yacht Club Permit No. 2778.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_23\_20160304\_00021.jpg



View of the Yacht club on the crown of the levee looking downstream.  
Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.57	Rating **	U	Issue No.	22
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801815 °	38.801061 °
				-121.715628 °	-121.713373 °
DWR ID	DWR_NA0022_01_s_2012_22				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleander hedge					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_22\_20160304\_00020.jpg



Oleanders along the shoulder.

LM Start	0.57	Rating **	M	Issue No.	419
LM End	0.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.801798 °	38.801798 °
				-121.715584 °	-121.715584 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38188 DS_ID:19519 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements. FIELD_STRUCT_DESC: 10-inch pipe through the levee, 3.3 feet below the crown. Plate welded on waterward end (1975). 24-inch concrete riser on the landward side. FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38188\_69562.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.57	Rating **	M	Issue No.	419 (cont)	
LM End	0.57	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.801798 °		38.801798 °
				-121.715584 °		-121.715584 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38188						
DS_ID:19519						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to find any signs of crossing on waterward side. Signs of concrete riser visible on landward side. If crossing is abandoned owner will need to coordinate with the Central Valley Flood Protection Board (CVFPB) for Title 23 requirements.						
FIELD_STRUCT_DESC: 10-inch pipe through the levee, 3.3 feet below the crown. Plate welded on waterward end (1975). 24-inch concrete riser on the landward side.						
FS Date: 3/4/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_38188\_69560.jpg



View of waterward slope. Large hole visible on waterward side.

LM Start	0.65	Rating **	M	Issue No.	70
LM End	0.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.801372 °	38.801372 °
				-121.714247 °	-121.714247 °
DWR ID	DWR_NA0022_01_f_2015_70				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_70\_20160304\_00049.jpg



View of the firewood on the landward side of the levee looking downstream. Fall 2015.

\* Location  
 LS : Land Side N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable N : Not Inspected/Rated  
 M : Minimally Acceptable C : Corrected  
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.68	Rating **	M	Issue No.	71
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801181 °	38.800237 °
				-121.713724 °	-121.708977 °
DWR ID	DWR_NA0022_01_f_2015_71				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_71\_20160304\_00050.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.70	Rating **	M	Issue No.	106
LM End	0.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801059 °	38.801059 °
				-121.713373 °	-121.713373 °
DWR ID	DWR_NA0022_01_s_2016_106				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove oak tree less than 4" at chest height that is within 20' of waterside shoulder.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_106\_20160413\_00151.jpg



View of the small tree on the waterward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.73	Rating **	M	Issue No.	72
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800949 °	38.800230 °
				-121.712939 °	-121.709004 °
DWR ID	DWR_NA0022_01_f_2015_72				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_72\_20160304\_00051.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.74	Rating **	M	Issue No.	107
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800865 °	38.800865 °
				-121.712682 °	-121.712682 °
DWR ID	DWR_NA0022_01_s_2016_107				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees that are less than 4" at breast height.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.83	Rating **	M	Issue No.	73
LM End	0.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800501 °	38.800501 °
				-121.711005 °	-121.711005 °
DWR ID	DWR_NA0022_01_s _ 2015_73				
Comment Code					
BU : Building					
Inspector Comment					
There are beehives on the landward side of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_73\_20160304\_00052.jpg



View of the beehives on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.93	Rating **	M	Issue No.	410
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.800200 °	38.800200 °
				-121.709258 °	-121.709258 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31969 DS_ID:19540 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed. FIELD_STRUCT_DESC: 14-inch steel drain pipe through the levee. Pump and valve on waterside bank. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 266+72.2). Pipe and pump completely replaced under Permit No. 3798 (1962). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31969\_58410.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	0.93	Rating **	M	Issue No.	410 (cont)
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.800200 °	38.800200 °
				-121.709258 °	-121.709258 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31969 DS_ID:19540 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe section on waterward side appears to have been removed and reinstalled--Need to contact owner to obtain additional information regarding work completed. FIELD_STRUCT_DESC: 14-inch steel drain pipe through the levee. Pump and valve on waterside bank. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 266+72.2). Pipe and pump completely replaced under Permit No. 3798 (1962). FS Date: 3/4/2014					

Photo 2 of 2 : UCIP\_SP\_2016\_31969\_58409.jpg



Pipe located on waterward side.

LM Start	0.95	Rating **	U	Issue No.	21
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800188 °	38.802052 °
				-121.708918 °	-121.702635 °
DWR ID	DWR_NA0022_01_s_2012_21				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation completely blocks visibility on the landward slope. Remove unwanted vegetation and trim and tin trees for visibility.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_21\_20160304\_00019.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.01	Rating **	M	Issue No.	17
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800246 °	38.800246 °
				-121.707858 °	-121.707858 °
DWR ID	DWR_NA0022_01_s _ 2014_17				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Trees blocking visibility and a dead tree on the levee slope.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_17\_20160304\_00016.jpg



A tree has fallen on the crown and blocks visibility. Spring 2014

LM Start	1.03	Rating **	M	Issue No.	108
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800281 °	38.798263 °
				-121.707534 °	-121.698103 °
DWR ID	DWR_NA0022_01_s _ 2016_108				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.07	Rating **	U	Issue No.	109
LM End	1.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800401 °	38.800401 °
				-121.706799 °	-121.706799 °
DWR ID	DWR_NA0022_01_s _ 2016_109				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree is blocking crown roadway.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_109\_20160413\_00152.jpg



View of the tree blocking the crown of the levee looking upstream. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.33	Rating **	M	Issue No.	75
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802110 °	38.797576 °
				-121.702504 °	-121.697834 °
DWR ID	DWR_NA0022_01_f_2015_75				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	M	Issue No.	20
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.802153 °	38.802092 °
				-121.701519 °	-121.701031 °
DWR ID	DWR_NA0022_01_s_2016_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.66	Rating **	M	Issue No.	110
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.799176 °	38.799176 °
				-121.698372 °	-121.698372 °
DWR ID	DWR_NA0022_01_s_2016_110				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.70	Rating **	M	Issue No.	111
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.798683 °	38.798263 °
				-121.698232 °	-121.698103 °
DWR ID	DWR_NA0022_01_s_2016_111				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

LM Start	1.72	Rating **	M	Issue No.	405
LM End	1.72	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.798388 °	38.798388 °
				-121.698145 °	-121.698145 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31912 DS_ID:19522 EP_NO: 6296 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch (not 14 inch as indicated in desk study) drain pipe through the levee, 11.8-feet below the crown. 1.25 electrical conduit through the levee. Electrical control panel on waterward slope. Slant pump, mounted on steel structure on the waterward bank. Siphon breaker on the landward shoulder. Standard CM cutoff wall around pipe at centerline of levee. Pipe extends from pump to existing irrigation ditch at landward toe. (Permit No. 6296-1968) FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31912\_58261.jpg



View of landward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.72	Rating **	M	Issue No.	405 (cont)	
LM End	1.72	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.798388 °	38.798388 °	
				-121.698145 °	-121.698145 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31912						
DS_ID:19522						
EP_NO: 6296						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Siphon breaker housing on landward slope unit damaged and debris scattered on landward side. Unable to determine if crossing is still in use. Need to contact owner to determine status of crossing.						
FIELD_STRUCT_DESC: 12-inch (not 14 inch as indicated in desk study) drain pipe through the levee, 11.8-feet below the crown. 1.25 electrical conduit through the levee. Electrical control panel on waterward slope. Slant pump, mounted on steel structure on the waterward bank. Siphon breaker on the landward shoulder. Standard CM cutoff wall around pipe at centerline of levee. Pipe extends from pump to existing irrigation ditch at landward toe. (Permit No. 6296-1968)						
FS Date: 3/4/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_31912\_58260.jpg



Riser on landward toe.

LM Start	1.75	Rating **	M	Issue No.	420
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.797928 °	38.797928 °
				-121.697992 °	-121.697992 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38190					
DS_ID:19539					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Abandoned 12-inch (not 18-inch as mentioned in USACE O&M manual) CM drain pipe through the levee. Gate valve in pumphouse on waterward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 224+3.5). Drain pipe was abandoned prior to 1968.					
FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38190\_69563.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.75	Rating **	M	Issue No.	420 (cont)
LM End	1.75	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.797928 °	38.797928 °
				-121.697992 °	-121.697992 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38190 DS_ID:19539 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Abandoned 12-inch (not 18-inch as mentioned in USACE O&M manual) CM drain pipe through the levee. Gate valve in pumphouse on waterward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 224+3.5). Drain pipe was abandoned prior to 1968. FS Date: 3/4/2014					

Photo 2 of 2 : UCIP\_SP\_2016\_38190\_69565.jpg



View of waterward side.

LM Start	1.77	Rating **	M	Issue No.	112
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.797596 °	38.797596 °
				-121.697855 °	-121.697855 °
DWR ID	DWR_NA0022_01_s_2016_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove walnut and oak tree at landside toe that is less than 4" in diameter at breast height.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_112\_20160413\_00153.jpg



View of the tree at the toe of the levee on the landward side looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.78	Rating **	M	Issue No.	113
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797496 °	38.797496 °
				-121.697781 °	-121.697781 °
DWR ID	DWR_NA0022_01_s_2016_113				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.80	Rating **	M	Issue No.	9
LM End	1.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797228 °	38.797228 °
				-121.697577 °	-121.697577 °
DWR ID	DWR_NA0022_01_f_2013_9				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_9\_20160304\_00010.jpg



Trees need to be trimmed up to 12 feet above the crown. Fall 2013

LM Start	1.81	Rating **	M	Issue No.	114
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797194 °	38.796993 °
				-121.697515 °	-121.697322 °
DWR ID	DWR_NA0022_01_s_2016_114				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.83	Rating **	C	Issue No.	86
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.796960 °	38.796318 °
				-121.697269 °	-121.696618 °
DWR ID	DWR_NA0022_01_f_2015_86				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.90	Rating **	M	Issue No.	115
LM End	1.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.796126 °	38.796039 °
				-121.696433 °	-121.696339 °
DWR ID	DWR_NA0022_01_s_2016_115				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	M	Issue No.	116
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795844 °	38.795599 °
				-121.696135 °	-121.695989 °
DWR ID	DWR_NA0022_01_s_2016_116				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_116\_20160413\_00154.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.95	Rating **	M	Issue No.	44
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795536 °	38.795536 °
				-121.695977 °	-121.695977 °
DWR ID	DWR_NA0022_01_s_2013_44				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_44\_20160304\_00039.jpg



View of the prunings on the waterward side of the levee. Spring 2015.

LM Start	1.96	Rating **	U	Issue No.	119	
LM End	1.96	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.795418 °		38.795418 °
				-121.695964 °		-121.695964 °
DWR ID	DWR_NA0022_01_s_2016_119					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 1 of 1 : SP\_2016\_NA0022\_350\_119\_20160413\_00155.jpg



View of the rodent hole on the landward side of the levee. Spring 2016.

LM Start	1.96	Rating **	M	Issue No.	74
LM End	1.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795401 °	38.795401 °
				-121.695947 °	-121.695947 °
DWR ID	DWR_NA0022_01_s_2015_74				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_74\_20160304\_00053.jpg



View of the trees on the crown of the levee looking downstream. Spring 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.96	Rating **	M	Issue No.	118
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795360 °	38.794760 °
				-121.695952 °	-121.695781 °
DWR ID	DWR_NA0022_01_s_2016_118				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

LM Start	1.97	Rating **	M	Issue No.	418
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.795248 °	38.795248 °
				-121.695958 °	-121.695958 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 15.5-feet below the crown. Gate valve on the landward end. Ramp on waterward slope. (ABO Permit No. 9413-1974). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_40536\_58265.jpg



View of landward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	1.97	Rating **	M	Issue No.	418 (cont)	
LM End	1.97	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.795248 °	38.795248 °	
				-121.695958 °	-121.695958 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40536 DS_ID:19524 EP_NO: 9413 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Alignment through levee unknown--no signs of crossing through landward side. Need to contact owner to determine status of crossing. This crossing appears to have been updated since 1970s. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 15.5-feet below the crown. Gate valve on the landward end. Ramp on waterward slope. (ABO Permit No. 9413-1974). FS Date: 3/4/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_40536\_58264.jpg



View of levee crown at crossing.

LM Start	1.97	Rating **	M	Issue No.	117
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.795234 °	38.793974 °
				-121.695898 °	-121.695852 °
DWR ID	DWR_NA0022_01_s_2016_117				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.00	Rating **	M	Issue No.	120
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.794755 °	38.794755 °
				-121.695779 °	-121.695779 °
DWR ID	DWR_NA0022_01_s_2016_120				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.03	Rating **	M	Issue No.	90
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.794419 °	38.794419 °
				-121.695700 °	-121.695700 °
DWR ID	DWR_NA0022_01_f_2015_90				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.04	Rating **	M	Issue No.	413
LM End	2.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.794288 °	38.794288 °
				-121.695678 °	-121.695678 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31632					
DS_ID:19523					
EP_NO: 9413					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Erosion at outlet. Unable to determine if crossing is still in use. Will need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 30-inch CM gravity drainpipe through the levee, 13.5-feet below the crown. Slide gate on both ends in 48-inch CM pipe riser. Drainpipe retained under ABO Permit No. 9413 (1974).					
Pump on waterward side, installed under Permit No. 12804 (1980).					
FS Date: 3/4/2014					

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>413 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_31632\_57905.jpg



Outlet located on landward toe.

Photo 2 of 2 : UCIP\_SP\_2016\_31632\_57903.jpg



Overview of levee crown at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.04	Rating **	M	Issue No.	7
LM End	2.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.794259 °	38.792907 °
				-121.695697 °	-121.696033 °
DWR ID	DWR_NA0022_01_s _ 2016_7				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at the toe of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_7\_20160413\_00156.jpg



View of the ditch at the levee toe on the landward side looking downstream. Spring 2016.

LM Start	2.06	Rating **	M	Issue No.	406
LM End	2.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.794035 °	38.794035 °
				-121.695870 °	-121.695870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch CM drain pipe through the levee. 20-inch gate valve on landside slope. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 208+15). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31915\_58270.jpg



Slide gate inside canal.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.06	Rating **	M	Issue No.	406 (cont)	
LM End	2.06	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.794035 °	38.794035 °	
				-121.695870 °	-121.695870 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31915 DS_ID:19538 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Buried gate valve on landward slope. Crossing appears to be non-functional. Landward pipe section across canal has deteriorated. Will need to contact owner to determine status of crossing. If crossing is not in use owner will need to contact the CVFPB to abandon properly according to Title 23. FIELD_STRUCT_DESC: 20-inch CM drain pipe through the levee. 20-inch gate valve on landside slope. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 208+15). FS Date: 3/4/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_31915\_58269.jpg



View of canal runs parallel on landward toe.

LM Start	2.07	Rating **	M	Issue No.	88
LM End	2.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.793932 °	38.793803 °
				-121.695919 °	-121.696066 °
DWR ID	DWR_NA0022_01_s_2016_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees that are less than 4" in diameter at breast height.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.12	Rating **	M	Issue No.	121
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.793194 °	38.793194 °
				-121.696114 °	-121.696114 °
DWR ID	DWR_NA0022_01_s_2016_121				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

No Photos

LM Start	2.14	Rating **	M	Issue No.	8
LM End	2.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.792956 °	38.791249 °
				-121.696025 °	-121.695223 °
DWR ID	DWR_NA0022_01_s_2012_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_8\_20160304\_00009.jpg



View of the rodent hole on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.14	Rating **	M	Issue No.	91
LM End	2.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.792942 °	38.792670 °
				-121.696033 °	-121.695798 °
DWR ID	DWR_NA0022_01_f_2015_91				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_91\_20160304\_00064.jpg



View of the trees on the waterward side of the levee looking downstream. Fall 2015.

LM Start	2.17	Rating **	M	Issue No.	25
LM End	2.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.792652 °	38.792652 °
				-121.695742 °	-121.695742 °
DWR ID	DWR_NA0022_01_s_2014_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_25\_20160304\_00023.jpg



View of the tree branch above the crown of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.18	Rating **	M	Issue No.	40
LM End	2.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792499 °	38.792499 °
				-121.695508 °	-121.695508 °
DWR ID	DWR_NA0022_01_s_2012_40				
Comment Code					
EQ : Equipment					
Inspector Comment					
Equipment is placed at the toe of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_40\_20160304\_00036.jpg



View of equipment on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.20	Rating **	M	Issue No.	39
LM End	2.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792283 °	38.792283 °
				-121.695447 °	-121.695447 °
DWR ID	DWR_NA0022_01_s_2012_39				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood is placed at the levee toe.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_39\_20160304\_00035.jpg



View of the growing firewood at the toe of the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.21	Rating **	M	Issue No.	93
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.792055 °	38.792055 °
				-121.695446 °	-121.695446 °
DWR ID	DWR_NA0022_01_f_2015_93				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_93\_20160304\_00067.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	2.24	Rating **	M	Issue No.	35
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.791652 °	38.791468 °
				-121.695403 °	-121.695342 °
DWR ID	DWR_NA0022_01_s_2016_35				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair rills on landward side of the levee.					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_35\_20160413\_00157.jpg



Erosion is on the landward side of the levee. Spring 2016.

LM Start	<b>2.24</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>2.25</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0022\_350\_35\_20160413\_00158.jpg



Perspective view of the erosion on the landward side of the levee. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.28	Rating **	M	Issue No.	95
LM End	2.28	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.791076 °	38.791076 °
				-121.695098 °	-121.695098 °
DWR ID	DWR_NA0022_01_f_2015_95				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.32	Rating **	M	Issue No.	92
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.790607 °	38.790357 °
				-121.694783 °	-121.694621 °
DWR ID	DWR_NA0022_01_s_2016_92				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.35	Rating **	U	Issue No.	414
LM End	2.35	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.790260 °	38.790260 °
				-121.694510 °	-121.694510 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:31634  
DS\_ID:19525  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Indicator Found  
UCIP Comments: Surface erosion near concrete box on landward side. Unable to determine if crossing is leaking or if pump is pulling sand from waterward side. Need to contact owner to determine status of crossing and to check integrity of crossing.  
FIELD\_STRUCT\_DESC: 16-inch steel drain pipe through the levee, 4-feet below the crown. Concrete well and pumphouse on waterward side. Screw gate in pumphouse. Slant pump mounted on steel structure on the waterward bank, installed under Permit No. 5951 (1967). Concrete discharge box (4x4-foot) at toe of landward slope. Overhead powerline and anchor crosses levee. Pole on both shoulders. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 192+60).  
FS Date: 3/4/2014

LM Start	2.35	Rating **	U	Issue No.	414 (cont)
LM End	2.35	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_31634\_57915.jpg



View of landward toe.

Photo 2 of 2 : UCIP\_SP\_2016\_31634\_57914.jpg



Slope erosion near concrete box.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.35	Rating **	M	Issue No.	96
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.790206 °	38.790206 °
				-121.694534 °	-121.694534 °
DWR ID	DWR_NA0022_01_f_2015_96				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
There seems to be an erosion around the concrete box encasing the pipe.					

LM Start	2.35	Rating **	M	Issue No.	96 (cont)
LM End	2.35	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : SP\_2016\_NA0022\_350\_96\_20160304\_00070.jpg



Perspective view of the erosion around the pipe on the landward side of the levee looking downstream. Fall 2015.

Photo 2 of 3 : SP\_2016\_NA0022\_350\_96\_20160304\_00071.jpg



View of the pipe in the concrete box. Fall 2015.

LM Start	2.35	Rating **	M	Issue No.	96 (cont)
LM End	2.35	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP\_2016\_NA0022\_350\_96\_20160304\_00072.jpg



The erosion is within the levee prism. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.35	Rating **	M	Issue No.	45
LM End	2.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.790180 °	38.790180 °
				-121.694525 °	-121.694525 °
DWR ID	DWR_NA0022_01_s _ 2013_45				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_45\_20160304\_00040.jpg



Concrete debris is at the toe of the levee. Spring 2013

LM Start	2.41	Rating **	A/W	Issue No.	94
LM End	2.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.789382 °	38.787405 °
				-121.694584 °	-121.694283 °
DWR ID	DWR_NA0022_01_s _ 2016_94				
Comment Code					
AT : Agricultural tilling					
Inspector Comment					
Not sure if cut is within the 3:1 levee prism. Monitor cut at the toe of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_94\_20160413\_00159.jpg



View of the cut at the levee toe on the landward side looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.43	Rating **	M	Issue No.	32
LM End	2.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.789111 °	38.789111 °
				-121.694462 °	-121.694462 °
DWR ID	DWR_NA0022_01_s _ 2014_32				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_32\_20160304\_00030.jpg



Trees need to be trimmed up to at least 12 feet above the crown. Spring 2014

LM Start	2.44	Rating **	M	Issue No.	122
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.788962 °	38.788962 °
				-121.694427 °	-121.694427 °
DWR ID	DWR_NA0022_01_s _ 2016_122				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterward side of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_122\_20160413\_00160.jpg



View of the tree limbs on the waterward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.52	Rating **	U	Issue No.	37
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.787778 °	38.787778 °
				-121.694296 °	-121.694296 °
DWR ID	DWR_NA0022_01_s _ 2014_37				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_37\_20160304\_00034.jpg



Tree stump decomposing and may pose a risk to the levee. Spring 2014

LM Start	2.52	Rating **	U	Issue No.	123
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.787768 °	38.787768 °
				-121.694295 °	-121.694295 °
DWR ID	DWR_NA0022_01_s _ 2016_123				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_123\_20160413\_00161.jpg



View of the rodent hole next to a tree stump on the landward side of the levee. Spring 2016.

LM Start	<b>2.52</b>	Rating **	U	Issue No.	<b>123 (cont)</b>
LM End	<b>2.52</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0022\_350\_123\_20160413\_00162.jpg



Perspective view of the rodent hole looking upstream. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.58	Rating **	A/W	Issue No.	11
LM End	2.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.787012 °	38.787012 °
				-121.694262 °	-121.694262 °
DWR ID	DWR_NA0022_01_s _ 2012_11				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_11\_20160304\_00011.jpg



Garage at toe.

LM Start	2.59	Rating **	M	Issue No.	124
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.786780 °	38.786780 °
				-121.694317 °	-121.694317 °
DWR ID	DWR_NA0022_01_s _ 2016_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_124\_20160413\_00163.jpg



View of the cactuses and trees at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	2.60	Rating **	M	Issue No.	125
LM End	2.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.786703 °	38.786703 °
				-121.694340 °	-121.694340 °
DWR ID	DWR_NA0022_01_s _ 2016_125				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove tree that is less than 4" in diameter at breast height.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.67	Rating **	U	Issue No.	87
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.785657 °	38.785657 °
				-121.694313 °	-121.694313 °
DWR ID	DWR_NA0022_01_s_2012_87				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_87\_20160413\_00164.jpg



View of the erosion on the landward side of the levee looking downstream. Spring 2016.

LM Start	2.70	Rating **	M	Issue No.	126
LM End	5.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.785178 °	38.759950 °
				-121.694215 °	-121.677613 °
DWR ID	DWR_NA0022_01_s_2016_126				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.70	Rating **	M	Issue No.	127
LM End	2.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.785160 °	38.783838 °
				-121.694213 °	-121.692534 °
DWR ID	DWR_NA0022_01_s_2016_127				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.81	Rating **	M	Issue No.	128
LM End	2.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.784059 °	38.784059 °
				-121.693094 °	-121.693094 °
DWR ID	DWR_NA0022_01_s_2016_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.87	Rating **	U	Issue No.	52
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.783571 °	38.783021 °
				-121.692110 °	-121.691633 °
DWR ID	DWR_NA0022_01_f_2013_52				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_52\_20160304\_00044.jpg



View of the rodent hole and material on the landward side of the levee.  
Fall 2015.

LM Start	<b>2.87</b>	Rating **	U	Issue No.	<b>52 (cont)</b>
LM End	<b>2.92</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0022\_350\_52\_20160304\_00045.jpg



There are multiple rodent holes in this area. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	2.92	Rating **	M	Issue No.	129
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.783022 °	38.782464 °
				-121.691629 °	-121.690680 °
DWR ID	DWR_NA0022_01_s_2016_129				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at breast height.					

No Photos

LM Start	2.95	Rating **	M	Issue No.	97
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.782743 °	38.760029 °
				-121.691192 °	-121.677805 °
DWR ID	DWR_NA0022_01_f_2015_97				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.99	Rating **	M	Issue No.	76
LM End	2.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.782426 °	38.782426 °
				-121.690487 °	-121.690487 °
DWR ID	DWR_NA0022_01_s_2015_76				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.02	Rating **	M	Issue No.	42
LM End	3.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.782239 °	38.782239 °
				-121.690037 °	-121.690037 °
DWR ID	DWR_NA0022_01_s _ 2014_42				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_42\_20160304\_00037.jpg



A large pruning pile near the toe of the levee. Spring 2014

LM Start	3.03	Rating **	A/W	Issue No.	77
LM End	3.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.782142 °	38.782142 °
				-121.689760 °	-121.689760 °
DWR ID	DWR_NA0022_01_s _ 2015_77				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree looks like it's dying and needs to be monitored.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_77\_20160304\_00054.jpg



View of the dying tree on the landward side of the levee looking downstream. Spring 2015.

LM Start	3.06	Rating **	A/W	Issue No.	12
LM End	3.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781828 °	38.780852 °
				-121.689415 °	-121.688887 °
DWR ID	DWR_NA0022_01_s _ 2012_12				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_12\_20160304\_00012.jpg



Buildings are located at the toe of the levee. Fall 2012

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.06	Rating **	A/W	Issue No.	12 (cont)	
LM End	3.14	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.781828 °	38.780852 °	
				-121.689415 °	-121.688887 °	
DWR ID	DWR_NA0022_01_s_2012_12					
Comment Code						
BU : Building						
Inspector Comment						

Photo 2 of 2 : SP\_2016\_NA0022\_350\_12\_20160304\_00013.jpg



The buildings are encroaching into the levee slope.

LM Start	3.07	Rating **	C	Issue No.	30
LM End	3.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781749 °	38.781749 °
				-121.689369 °	-121.689369 °
DWR ID	DWR_NA0022_01_f_2012_30				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	3.07	Rating **	A/W	Issue No.	43
LM End	3.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781701 °	38.781701 °
				-121.689357 °	-121.689357 °
DWR ID	DWR_NA0022_01_s_2014_43				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_43\_20160304\_00038.jpg



A tree is dying and needs to be monitored as it may pose a threat to the levee. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.10	Rating **	M	Issue No.	78
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.781283 °	38.781283 °
				-121.689151 °	-121.689151 °
DWR ID	DWR_NA0022_01_s_2015_78				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	M	Issue No.	46
LM End	3.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.781107 °	38.781107 °
				-121.689052 °	-121.689052 °
DWR ID	DWR_NA0022_01_s_2014_46				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_46\_20160304\_00041.jpg



Trees need to be trimmed up to at least 12 feet above the crown. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.14	Rating **	M	Issue No.	47
LM End	3.14	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.780857 °	38.780857 °
				-121.688921 °	-121.688921 °
DWR ID	DWR_NA0022_01_s _ 2015_47				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree has fallen over from Spring 2014.					

LM Start	<b>3.14</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>3.14</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : SP\_2016\_NA0022\_350\_47\_20160304\_00042.jpg



Some trees have fallen and others are dying and need to be monitored.  
The trees may pose a threat to the levee. Spring 2014

Photo 2 of 2 : SP\_2016\_NA0022\_350\_47\_20160304\_00043.jpg



View of the fallen tree on the waterward side of the levee looking  
downstream. Spring 2015.

LM Start	3.18	Rating **	M	Issue No.	5
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.780407 °	38.779137 °
				-121.688238 °	-121.687432 °
DWR ID	DWR_NA0022_01_s _ 2016_5				
Comment Code					
Inspector Comment					
2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011 - Minor new erosion. 2012 - Slope continues to steepen, tree roots have become exposed, and new eddy formed. 2015: No observed changes. [2015 Site ID: SAC_86-9_R]					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_5\_20160304\_00006.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.20	Rating **	M	Issue No.	15
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.779971 °	38.779971 °
				-121.688490 °	-121.688490 °
DWR ID	DWR_NA0022_01_s_2016_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_15\_20160413\_00165.jpg



View of the fallen tree on the waterward slope of the levee looking downstream. Spring 2016.

LM Start	3.23	Rating **	M	Issue No.	424
LM End	3.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779625 °	38.779625 °
				-121.688090 °	-121.688090 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4-feet below the crown. Pump on the waterward band. Gate valve on the waterward slope. Siphon breaker in 18-inch concrete pipe riser on the landward slope. 36-inch concrete standpipe at toe of landward slope. Metal cutoff wall installed. (Permit No. 3205-1959) FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_39858\_71841.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.23	Rating **	M	Issue No.	424 (cont)
LM End	3.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779625 °	38.779625 °
				-121.688090 °	-121.688090 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39858 DS_ID:19526 EP_NO: 3205 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4-feet below the crown. Pump on the waterward band. Gate valve on the waterward slope. Siphon breaker in 18-inch concrete pipe riser on the landward slope. 36-inch concrete standpipe at toe of landward slope. Metal cutoff wall installed. (Permit No. 3205-1959) FS Date: 3/4/2014					

Photo 2 of 2 : UCIP\_SP\_2016\_39858\_71840.jpg



Positive closure device is buried on waterward side.

LM Start	3.24	Rating **	M	Issue No.	407
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779543 °	38.779543 °
				-121.688170 °	-121.688170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31916					
DS_ID:19545					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23.					
FIELD_STRUCT_DESC: Abandoned 12-inch steel pipe through the levee. Pump on waterward side. Concrete standpipe on landward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 144+80). Pipe was abandoned and replaced under Permit No. 3205 (1959).					
FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31916\_58275.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.24	Rating **	M	Issue No.	407 (cont)
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.779543 °	38.779543 °
				-121.688170 °	-121.688170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31916 DS_ID:19545 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--Crossing appears to be abandoned. If crossing is no longer in use, crossing need to be abandoned properly per Title 23. FIELD_STRUCT_DESC: Abandoned 12-inch steel pipe through the levee. Pump on waterward side. Concrete standpipe on landward side. (USACE-1953). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 144+80). Pipe was abandoned and replaced under Permit No. 3205 (1959). FS Date: 3/4/2014					

Photo 2 of 2 : UCIP\_SP\_2016\_31916\_58274.jpg



View of waterward side.

LM Start	3.41	Rating **	M	Issue No.	79
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.777204 °	38.777204 °
				-121.687045 °	-121.687045 °
DWR ID	DWR_NA0022_01_s_2015_79				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Stairs have eroded and turned into a slope stability.					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_79\_20160304\_00055.jpg



View of the stairs on the landward side of the levee looking downstream. Spring 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.41	Rating **	M	Issue No.	79 (cont)	
LM End	3.41	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.777204 °		38.777204 °
				-121.687045 °		-121.687045 °
DWR ID	DWR_NA0022_01_s_2015_79					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						
Stairs have eroded and turned into a slope stability.						

Photo 2 of 2 : SP\_2016\_NA0022\_350\_79\_20160413\_00166.jpg



Dirt stairs has eroded and caused a slope stability. Spring 2016.

LM Start	3.41	Rating **	C	Issue No.	401
LM End	3.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.777198 °	38.777198 °
				-121.687040 °	-121.687040 °
DWR ID	DWR_NA0022_01_f_2013_401				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.41	Rating **	M	Issue No.	408
LM End	3.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.777190 °	38.777190 °
				-121.687048 °	-121.687048 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31917 DS_ID:19527 EP_NO: 3729 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing has been modified. Need to contact owner to determine additional information pertaining to the modifications. FIELD_STRUCT_DESC: 10-inch drain pipe through the levee, 3.0 feet below the crown. 1.5-inch conduit through the levee. 1-foot below the crown. Service pole and meter at toe of landward slope. Gate valve and pump on the waterward bank. Access ramp to pump location. Siphon breaker on the landward shoulder, in 12-inch concrete riser. Metal cutoff wall installed. (Permit No. 3729-1961). FS Date: 3/4/2014					

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>408 (cont)</b>
LM End	<b>3.41</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_31917\_58279.jpg



View of landward side, photo 1 of 2.

Photo 2 of 2 : UCIP\_SP\_2016\_31917\_58282.jpg



View of landward side, photo 2 of 2.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.55	Rating **	M	Issue No.	416
LM End	3.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.775208 °	38.775208 °
				-121.687070 °	-121.687070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38996 DS_ID:19528 EP_NO: 3722 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe visible only on waterward side--Pipe needs to be properly abandoned per Title 23. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Abandoned 10-inch steel drain pipe through the levee, 3.0 feet below the crown. 1-1/2 inch conduit 1 foot below the crown. Pump and gate valve on the waterward bank. Metal cutoff walls at centerline of levee. Siphon breaker on the landward shoulder in 12-inch concrete riser. Pipe connects to existing 24-inch concrete standpipe at landward toe. (Permit No. 3722-1961). No standpipe found on landward toe. FS Date: 3/4/2014					

LM Start	3.55	Rating **	M	Issue No.	416 (cont)
LM End	3.55	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_38996\_69568.jpg



View of landward side.

Photo 2 of 2 : UCIP\_SP\_2016\_38996\_69567.jpg



Debris scattered on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.64	Rating **	M	Issue No.	89
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.774041 °	38.774041 °
				-121.687686 °	-121.687686 °
DWR ID	DWR_NA0022_01_s _ 2012_89				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_89\_20160304\_00063.jpg



View of the fallen tree on the waterward side of the levee looking upstream. Fall 2015.

LM Start	3.65	Rating **	M	Issue No.	130
LM End	3.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773895 °	38.773895 °
				-121.687810 °	-121.687810 °
DWR ID	DWR_NA0022_01_s _ 2016_130				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.69	Rating **	M	Issue No.	80
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773305 °	38.773305 °
				-121.688266 °	-121.688266 °
DWR ID	DWR_NA0022_01_s _ 2015_80				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.71	Rating **	M	Issue No.	131
LM End	3.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773130 °	38.772706 °
				-121.688454 °	-121.688927 °
DWR ID	DWR_NA0022_01_s_2016_131				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height and trim trees.					

No Photos

LM Start	3.80	Rating **	M	Issue No.	132
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.772128 °	38.772128 °
				-121.689621 °	-121.689621 °
DWR ID	DWR_NA0022_01_s_2016_132				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.94	Rating **	M	Issue No.	98
LM End	3.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.770873 °	38.770873 °
				-121.691643 °	-121.691643 °
DWR ID	DWR_NA0022_01_s_2016_98				
Comment Code					
GA : Garbage					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_98\_20160413\_00167.jpg



View of the couch on the waterward side of the levee looking downstream. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	3.95	Rating **	C	Issue No.	99
LM End	3.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.770823 °	38.770823 °
				-121.691725 °	-121.691725 °
DWR ID	DWR_NA0022_01_f_2015_99				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	3.97	Rating **	M	Issue No.	133
LM End	4.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.770656 °	38.770300 °
				-121.692093 °	-121.692544 °
DWR ID	DWR_NA0022_01_s_2016_133				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height and trim trees.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.01	Rating **	M	Issue No.	417
LM End	4.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.770295 °	38.770295 °
				-121.692580 °	-121.692580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38999 DS_ID:19529 EP_NO: 4570 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. CMP riser damage on waterward slope. FIELD_STRUCT_DESC: 16-inch drain pipe through the levee, 5.0 feet below the crown. Metal plate welded on the waterward end. Pump, 1-1/2-inch conduit, and gate valve in concrete U-headwall on waterward bank, installed under Permit 7618A (1971). Pipe extends from pump to concrete standpipe on the landward side, pipe exposed on the landward slope. Water meter in 36-inch CM pipe riser on the waterward slope. Siphon breaker on the landward shoulder, in 7-inch metal riser. 30-inch concrete riser at toe of landward slope. Metal cutoff wall installed. (Permit No. 4570-1964). FS Date: 3/4/2014					

LM Start	<b>4.01</b>	Rating **	M	Issue No.	<b>417 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_38999\_57948.jpg



View of landward side.

Photo 2 of 2 : UCIP\_SP\_2016\_38999\_57947.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.11	Rating **	M	Issue No.	134
LM End	4.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.769021 °	38.767275 °
				-121.693645 °	-121.693448 °
DWR ID	DWR_NA0022_01_s _ 2016_134				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.25	Rating **	A/W	Issue No.	36
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.767125 °	38.764582 °
				-121.693267 °	-121.690285 °
DWR ID	DWR_NA0022_01_s _ 2012_36				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_36\_20160304\_00032.jpg



Another view of the site.

LM Start	<b>4.25</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>4.49</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP\_2016\_NA0022\_350\_36\_20160304\_00033.jpg



Fence, irrigation and stakes in the revegetation site.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.26	Rating **	M	Issue No.	135
LM End	4.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.767056 °	38.767056 °
				-121.693184 °	-121.693184 °
DWR ID	DWR_NA0022_01_s_2016_135				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

No Photos

LM Start	4.44	Rating **	M	Issue No.	411
LM End	4.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.765142 °	38.765142 °
				-121.690963 °	-121.690963 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31986					
DS_ID:19530					
EP_NO: 9409					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pump station not found. Crossing appears to be abandon. Need to contact owner to determine status. Repair site on waterward side--waterward slope revegetated.					
FIELD_STRUCT_DESC: 16-inch steel pipe through the levee, 6.4 feet below the crown. Pump and control valve on the waterward bank. Ramp on landward slope. (ABO Permit No. 9409-1974).					
FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_31986\_58442.jpg



View of landward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Yolo County Service Area 6

View of the dying tree on the waterward side of the levee looking downstream. Spring 2015.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.52	Rating **	U	Issue No.	422
LM End	4.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.764248 °	38.764248 °
				-121.689918 °	-121.689918 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42864 DS_ID:19537 EP_NO: 18298 Repair Type: Urgent Crossing Status: Found UCIP Comments: Subsidence visible where siphon breaker is located on landward side. Unable to determine if subsidence is due to poor compaction or leak at siphon breaker. Need to contact owner to address issue. FIELD_STRUCT_DESC: 14-inch steel water pipe through the levee, 2-feet below the levee crown. Supported by 6 pilings on waterside slope, extending into channel. Pump platform supported by steel structure on waterward side. Siphon breaker and air release valve on the landward shoulder. Concrete distribution box at landward toe. Rock riprap on the waterward slope. (Permit No. 18298-2007) FS Date: 3/4/2014					

LM Start	<b>4.52</b>	Rating **	U	Issue No.	<b>422 (cont)</b>
LM End	<b>4.52</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_42864\_69573.jpg



View of landward side--subsidence near levee crown.

Photo 2 of 2 : UCIP\_SP\_2016\_42864\_69572.jpg



Power pole with conduit line through levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.62	Rating **	M	Issue No.	136
LM End	4.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763380 °	38.763380 °
				-121.688339 °	-121.688339 °
DWR ID	DWR_NA0022_01_s _ 2016_136				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.66	Rating **	M	Issue No.	3
LM End	4.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.763486 °	38.763313 °
				-121.687567 °	-121.684038 °
DWR ID	DWR_NA0022_01_s _ 2016_3				
Comment Code					
Inspector Comment					
2009 - Erosion into the levee toe. Some cobbles have been dumped into the erosion pockets. 2010 - Old cobble site starting to unravel. 2012 - Slope continues to steepen and new animal holes. 2013 - Downstream cobble is unraveling. 2015: No observed changes. [2015 Site ID: SAC_85-4_R]					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_3\_20160304\_00002.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

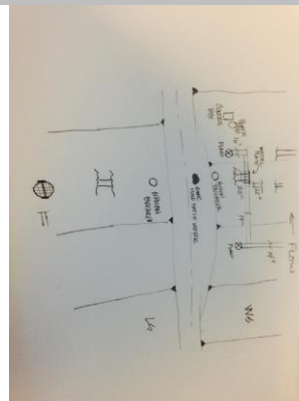
## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.69	Rating **	U	Issue No.	423
LM End	4.69	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.763087 °	38.763087 °
				-121.687125 °	-121.687125 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42865 DS_ID:19531 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Signs of sink hole repair on levee crown. Owner will need to contact CVFPB to address sink hole repair. FIELD_STRUCT_DESC: 20-inch steel pipe through the levee, 4.7 feet below the crown. Two slant pumps on the waterward slope. No control valves. Ramp on landward slope. (ABO Permit No. 9408-1974). FS Date: 3/4/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_42865\_58451.jpg



Plan view of crossing and appurtenances at levee mile 4.77.

LM Start	<b>4.69</b>	Rating **	U	Issue No.	<b>423 (cont)</b>
LM End	<b>4.69</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_42865\_58457.jpg



View of landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	4.87	Rating **	M	Issue No.	137
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763066 °	38.762540 °
				-121.683934 °	-121.681197 °
DWR ID	DWR_NA0022_01_s _ 2016_137				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.92	Rating **	M	Issue No.	138
LM End	4.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.763177 °	38.763177 °
				-121.682974 °	-121.682967 °
DWR ID	DWR_NA0022_01_s _ 2016_138				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch is at levee toe.					

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>138 (cont)</b>
LM End	<b>4.92</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP\_2016\_NA0022\_350\_138\_20160413\_00169.jpg



The start of the ditch is at the toe of the levee. Spring 2016.

Photo 2 of 2 : SP\_2016\_NA0022\_350\_138\_20160413\_00170.jpg



Perspective view of the ditch on the landward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.03	Rating **	M	Issue No.	139
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762541 °	38.762541 °
				-121.681197 °	-121.681197 °
DWR ID	DWR_NA0022_01_s _ 2016_139				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove willows.					

No Photos

LM Start	5.07	Rating **	U	Issue No.	140
LM End	5.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762163 °	38.762163 °
				-121.680674 °	-121.680674 °
DWR ID	DWR_NA0022_01_s _ 2016_140				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.11	Rating **	U	Issue No.	141
LM End	5.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.761632 °	38.761435 °
				-121.680132 °	-121.679986 °
DWR ID	DWR_NA0022_01_s _ 2016_141				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.15	Rating **	M	Issue No.	142
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.761251 °	38.760518 °
				-121.679849 °	-121.679041 °
DWR ID	DWR_NA0022_01_s_2016_142				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	5.19	Rating **	M	Issue No.	100
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.760703 °	38.760703 °
				-121.679320 °	-121.679320 °
DWR ID	DWR_NA0022_01_f_2015_100				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.47	Rating **	M	Issue No.	409
LM End	5.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.759678 °	38.759678 °
				-121.674492 °	-121.674492 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31927					
DS_ID:19532					
EP_NO: 3811					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Unable to confirm is crossing is still in use. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 10-inch steel discharge pipe through the levee, 3.6 feet below the crown. Pump at toe of waterward slope, on bank of river. Standard cutoff wall around pipe at center of levee. Standpipe at toe of landward slope. Siphon breaker on the landward shoulder. (Permit No. 3811-1962)					
FS Date: 3/4/2014					

LM Start	<b>5.47</b>	Rating **	M	Issue No.	<b>409 (cont)</b>
LM End	<b>5.47</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_31927\_58332.jpg



View of waterward side.

Photo 2 of 2 : UCIP\_SP\_2016\_31927\_58331.jpg



Rip rap along waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.50	Rating **	M	Issue No.	1
LM End	5.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759620 °	38.759412 °
				-121.673903 °	-121.673167 °
DWR ID	DWR_NA0022_01_s _ 2012_1				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_1\_20160304\_00001.jpg



The house and landscape are in the easement of the levee. Fall 2011

LM Start	5.50	Rating **	M	Issue No.	82
LM End	5.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759594 °	38.759594 °
				-121.673860 °	-121.673860 °
DWR ID	DWR_NA0022_01_s _ 2015_82				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A tree fell over on the waterward side of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_82\_20160304\_00057.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

LM Start	5.51	Rating **	M	Issue No.	143
LM End	5.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759529 °	38.759529 °
				-121.673670 °	-121.673670 °
DWR ID	DWR_NA0022_01_s _ 2016_143				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.56	Rating **	M	Issue No.	83
LM End	5.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759339 °	38.759339 °
				-121.672863 °	-121.672863 °
DWR ID	DWR_NA0022_01_s_2015_83				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Prunings and fallen tree are on the waterward side of the levee.					

Photo 1 of 1 : SP\_2016\_NA0022\_350\_83\_20160304\_00058.jpg



View of the tree and tree limbs on the waterward side of the levee looking downstream. Spring 2015.

LM Start	5.67	Rating **	M	Issue No.	4
LM End	5.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.759000 °	38.759390 °
				-121.670759 °	-121.667500 °
DWR ID	DWR_NA0022_01_s_2016_4				
Comment Code					
Inspector Comment					
2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015: Site extended upstream about 500 ft to account for eroding bank. [2015 Site ID: SAC_83-9_R]					

Photo 1 of 3 : SP\_2016\_NA0022\_350\_4\_20160304\_00003.jpg



USACE 2013 Photo #1

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.67	Rating **	M	Issue No.	4 (cont)
LM End	5.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.759000 °	38.759390 °
				-121.670759 °	-121.667500 °
DWR ID	DWR NA0022 01 s 2016 4				

**Comment Code**

**Inspector Comment**

2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more erosion around trees. 2013 - Additional erosion into the toe. 2015: Site extended upstream about 500 ft to account for eroding bank. [2015 Site ID: SAC\_83-9\_R]

LM Start	<b>5.67</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>5.85</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2016\_NA0022\_350\_4\_20160304\_00004.jpg



USACE 2013 Photo #2

Photo 3 of 3 : SP\_2016\_NA0022\_350\_4\_20160304\_00005.jpg



USACE 2013 Photo #3

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.75	Rating **	U	Issue No.	145
LM End	5.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758365 °	38.758808 °
				-121.669689 °	-121.668269 °
DWR ID	DWR_NA0022_01_s _ 2016_145				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.75	Rating **	U	Issue No.	144
LM End	5.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758363 °	38.758814 °
				-121.669678 °	-121.668223 °
DWR ID	DWR_NA0022_01_s _ 2016_144				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.84	Rating **	U	Issue No.	84
LM End	5.84	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.758909 °	38.758909 °
				-121.668084 °	-121.668084 °
DWR ID	DWR_NA0022_01_s _ 2015_84				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 2 : SP\_2016\_NA0022\_350\_84\_20160304\_00059.jpg



View of the erosion on the waterward side of the levee looking upstream.  
Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Yolo County Service Area 6**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	04/12/2016 04/12/2016	Jai Lor

LM Start	5.84	Rating **	U	Issue No.	84 (cont)	
LM End	5.84	Issue Type +	Ob	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.758909 °	38.758909 °	
				-121.668084 °	-121.668084 °	
DWR ID	DWR_NA0022_01_s _ 2015_84					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						

Photo 2 of 2 : SP\_2016\_NA0022\_350\_84\_20160304\_00060.jpg



View of the erosion on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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